

FIG. 1

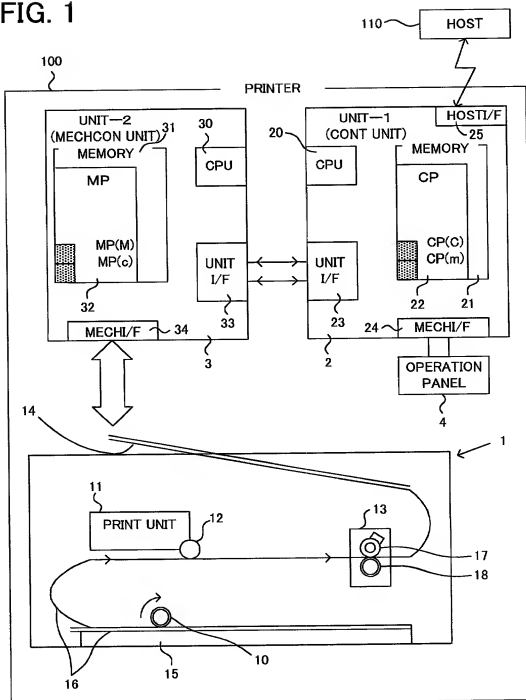


FIG. 2

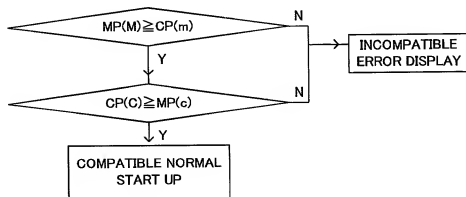
CP(C)=VERSION DATA OF CP ITSELF

CP(m)=MP SUPPORT VERSION DATA  
(NEWEST VERSION DATA OF MP TO BE SUPPORTED BY CP)

MP(M)=VERSION DATA OF MP ITSELF

MP(c)=CP SUPPORT VERSION DATA  
(NEWEST VERSION DATA OF CP TO BE SUPPORTED BY MP)

FIG. 3



# FIG. 4

[HISTORIC VERSION OF PRINTER]

VERSION	UNIT/CONTROL PROGRAM VERSION
1ST VERSION	MECHCON UNIT: MP(M) = V01L01 MP(c) = MORE V01L01 CONT UNIT : CP(C) = V01L01 CP(m) = MORE V01L01
2ND VERSION	SUBSTITUTE MECHCON DUE TO FAILURE MECHCON UNIT: MP(M) = V02L01 MP(c) = MORE V01L01 CONT UNIT : CP(C) = V01L01 CP(m) = MORE V01L01
3RD VERSION	SUBSTITUTE MECHCON AND CONT DUE TO FUNCTION ENHANCE MECHCON UNIT: MP(M) = V03L01 MP(c) = MORE V02L01 CONT UNIT : CP(C) = V02L01 CP(m) = MORE V03L01

CASE1: IN 2ND VERSION PRINTER, MECHCON UNIT IS SUBSTITUTED TO MP(M) = V01L01  
 CP(C)  $\geq$  MP(c) IS  
 0101  $\geq$  0101, OK

MP(M)  $\geq$  CP(m) IS  
 0201  $\geq$  0101, OK AND NORMAL START UP

CASE2: IN 3RD VERSION PRINTER, MECHCON UNIT IS SUBSTITUTED TO MP(M) = V02L01  
 CP(C)  $\geq$  MP(c) IS  
 0201  $\geq$  0101, OK

MP(M)  $\geq$  CP(m) IS  
 0201  $\geq$  0301, AND ERROR INDICATION

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FIG. 5

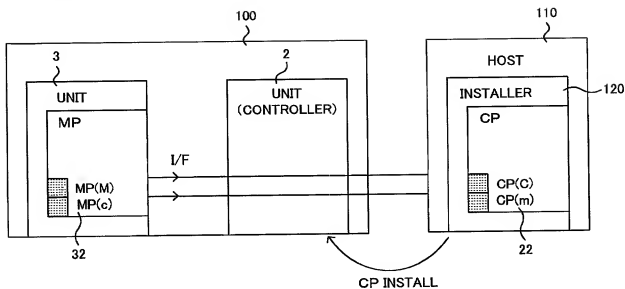


FIG. 6

MU(M)=VVLL (VERSION DATA OF MU)

MU(c)=CU SUPPORT VERSION DATA

CU(m)=MU SUPPORT VERSION DATA

CU(c)=CU VERSION DATA  
(=vvll)

FIG. 7A

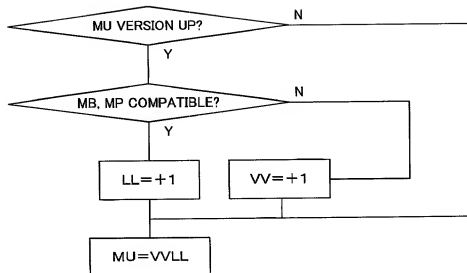


FIG. 7B

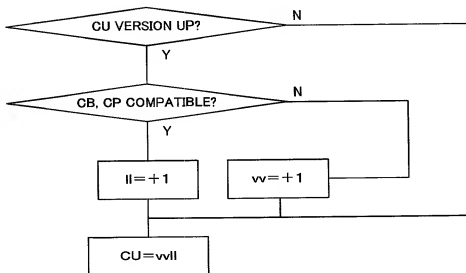
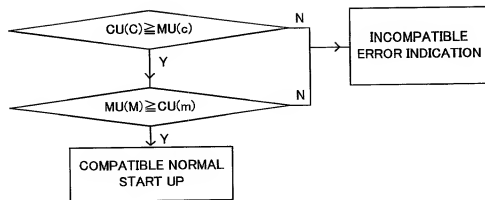


FIG. 8



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# FIG. 9

[HISTORIC VERSION OF PRINTER]

VERSION	UNIT / CONTROL PROGRAM VERSION
1ST VERSION	MECHCON UNIT: MU(M) = V01L01 MU(c) = MORE V01L01 CONT UNIT : CU(C) = V01L01 CU(m) = MORE V01L01
2ND VERSION	MECHCON BOARD AND CONTROL PROGRAM ARE SUBSTITUTED DUE TO MECH BOARD FAILURE  MECHCON UNIT: MU(M) = V01L02 MU(c) = MORE V01L01 CONT UNIT : CU(C) = V01L01 CU(m) = MORE V01L01
3RD VERSION	MECHCON BOARD AND CONTROLLER BOARD ARE SUBSTITUTED DUE TO FUNCTION ENHANCE  MECHCON UNIT: MU(M) = V02L01 (V UP) MU(c) = MORE V02L01 CONT UNIT : CU(C) = V02L01 (V UP) CU(m) = MORE V02L01

CASE1: IN 2ND VERSION PRINTER, MECHCON UNIT IS SUBSTITUTED TO MU(M) = V01L01  
CU(C)  $\geq$  MU(c) IS  
0101  $\geq$  0101, OK  
  
MU(M)  $\geq$  CU(m) IS  
0101  $\geq$  0101, OK AND NORMAL START UP

CASE2: IN 3RD VERSION PRINTER, MECHCON UNIT IS SUBSTITUTED TO MU(M) = V01L02  
CU(C)  $\geq$  MU(c) IS  
0201  $\geq$  0201, OK  
  
MU(M)  $\geq$  CU(m) IS  
0102  $\geq$  0201, NG AND ERROR INDICATION

CASE3: IN 2ND VERSION PRINTER, CONTROLLER UNIT IS SUBSTITUTED TO CU(C) = V02L01  
CU(C)  $\geq$  MU(c) IS  
0201  $\geq$  0101, OK  
  
MU(M)  $\geq$  CU(m) IS  
0102  $\geq$  0201, NG AND ERROR INDICATION

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FIG. 10

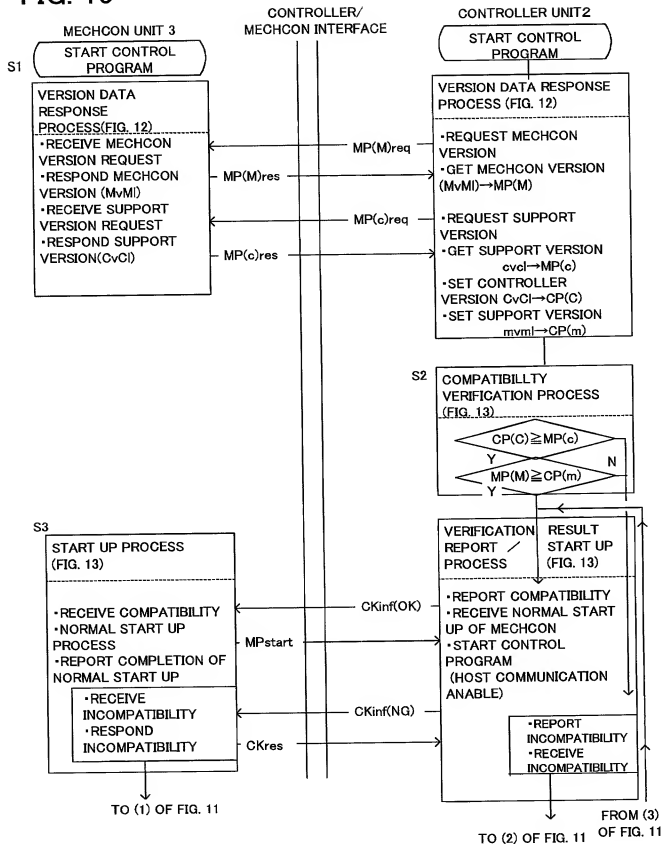




FIG. 11

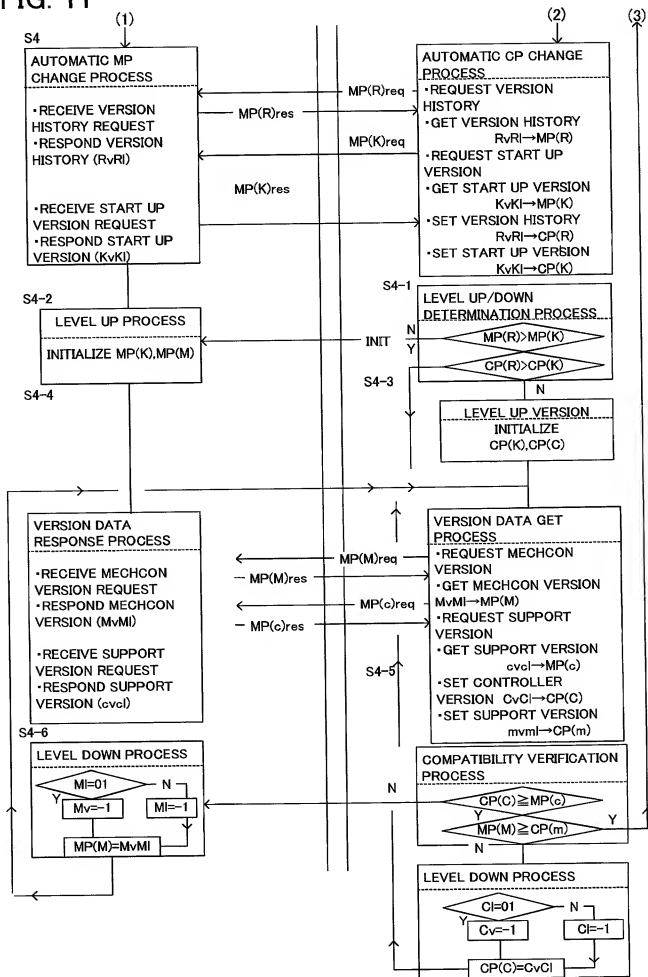
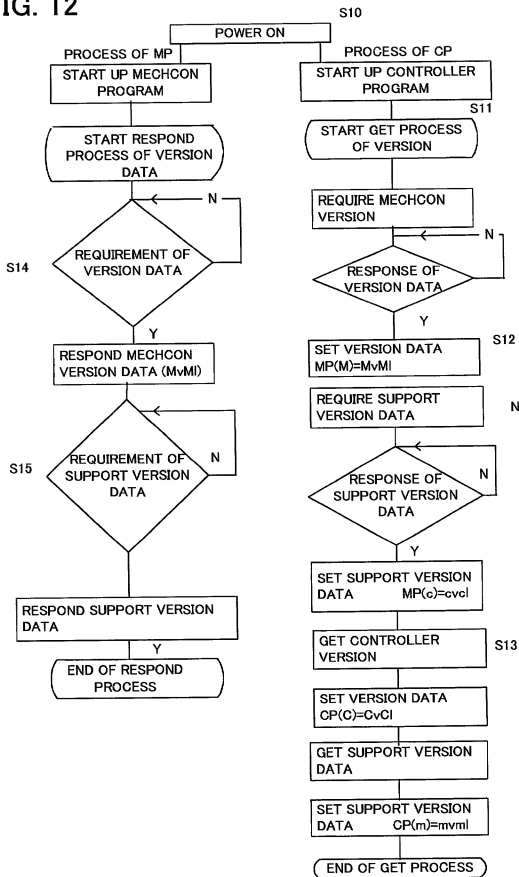


FIG. 12



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FIG. 13

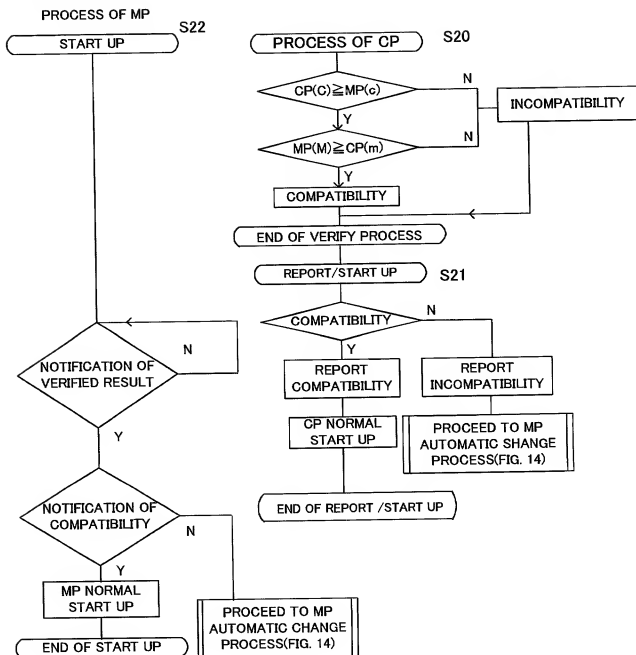


FIG. 14

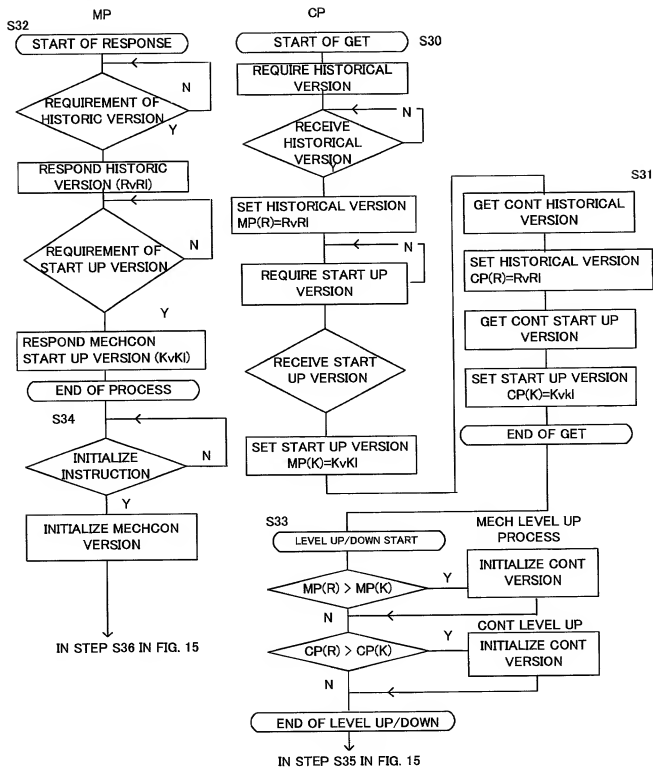


FIG. 15

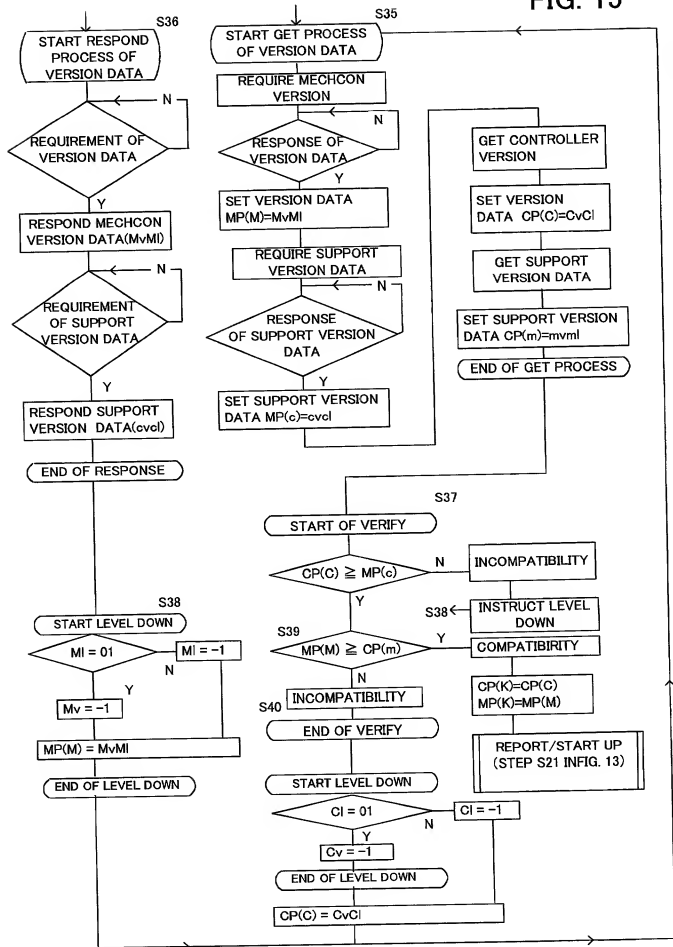


FIG. 16

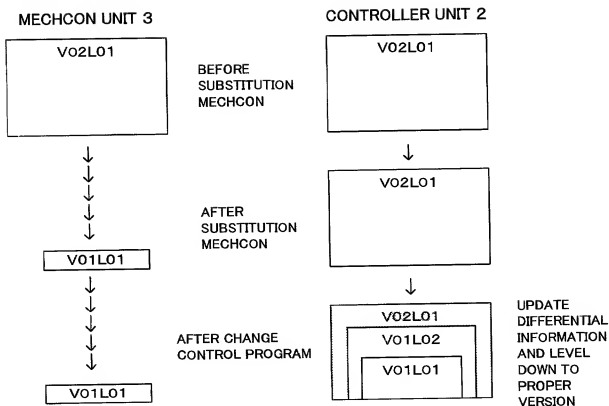


FIG. 17

INITIAL VALUE AFTER MECHCON UNIT SUBSTITUTION  
 CONTROL PROGRAM VERSION: MP(M)=V01L01, MP(c)=V01L01  
 VERSION HISTRY : MP(R)=V01L01  
 START UP VERSION : MP(K)=V01L01

INITIAL VALUE OF CONTROLLER UNIT  
 CONTROL PROGRAM VERSION: CP(C)=V02L01, CP(m)=V02L01  
 VERSION HISTRY : CP(R)=V02L01/V01L02/V01L01  
 START UP VERSION : CP(K)=V02L01

VALUE OF CONTROLLER UNIT AFTER MECHCON UNIT SUBSTITUTION  
 CONTROL PROGRAM VERSION: CP(C)=V01L02, CP(m)=V01L02  
 VERSION HISTRY : CP(R)=V02L01/V01L02/V01L01  
 START UP VERSION : CP(K)=V01L02

FIG. 18

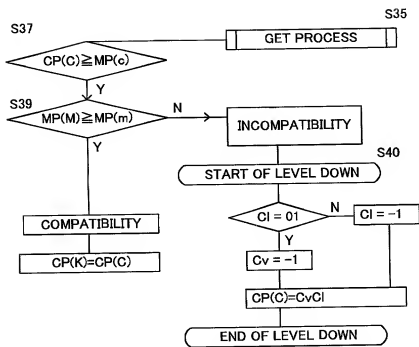


FIG. 19

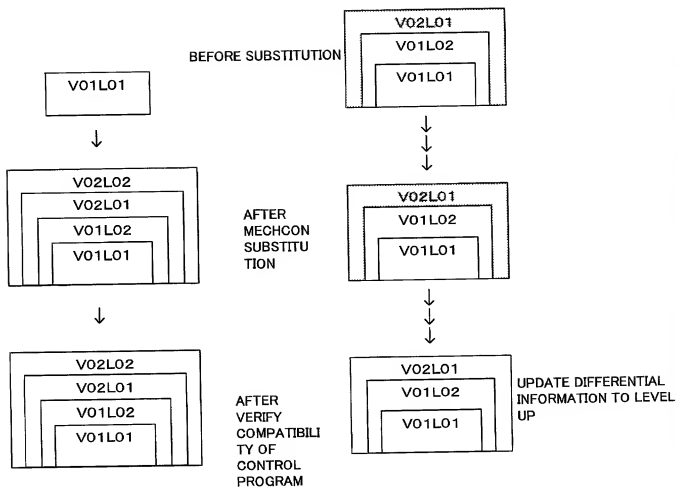




FIG. 20

